

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064631.D
 Acq On : 27 Dec 2019 07:48
 Operator : VA/SY
 Sample : K6439-11
 Misc : 5.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF008-01

Quant Time: Dec 27 08:16:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

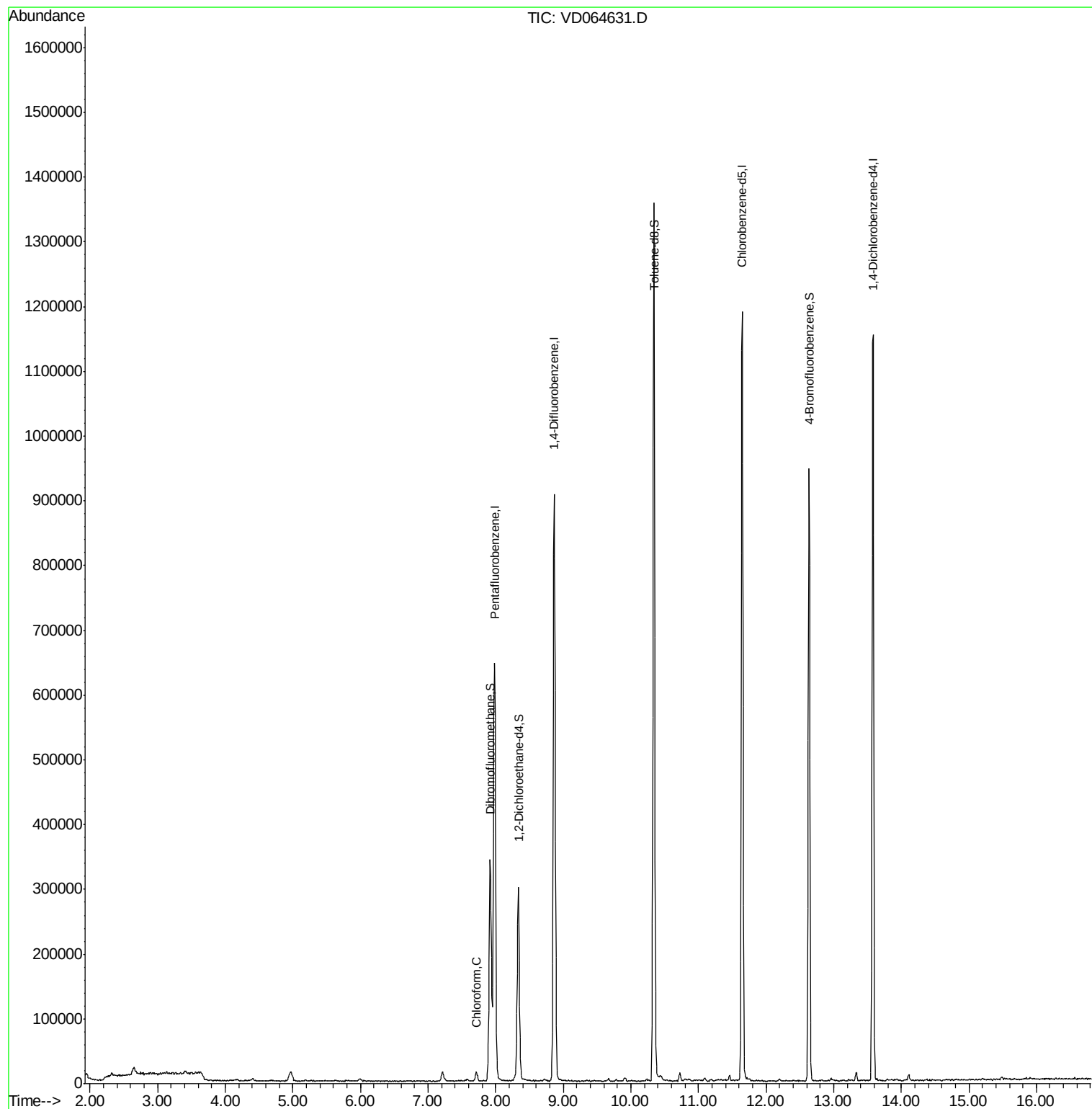
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	514792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	774698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	677242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	313655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	232500	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	7.92	113	235922	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	10.34	98	917208	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.64	95	272516	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
30) Chloroform	7.72	83	12182	1.373	ug/l	Qvalue 92

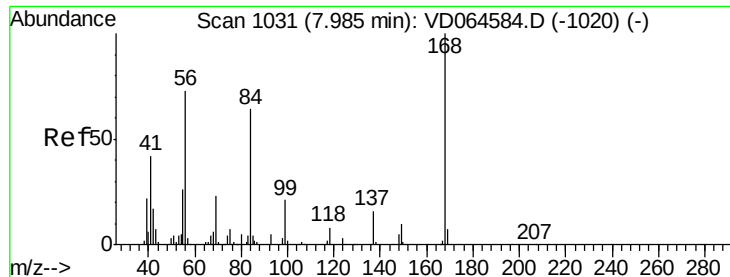
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064631.D
Acq On : 27 Dec 2019 07:48
Operator : VA/SY
Sample : K6439-11
Misc : 5.57G/5.00ml/MSVOA D/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF008-01

Quant Time: Dec 27 08:16:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064631.D

Acq: 27 Dec 2019 07:48

Instrument :

MSVOA_D

ClientSampleId :

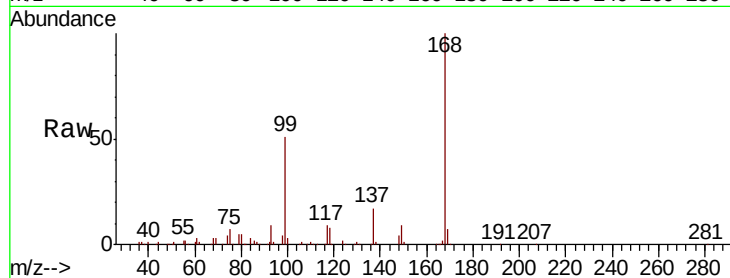
LIED-BF008-01

Tot Ion:168 Resp: 514792

Ion Ratio Lower Upper

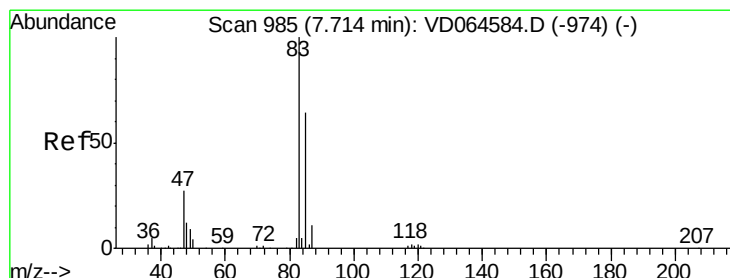
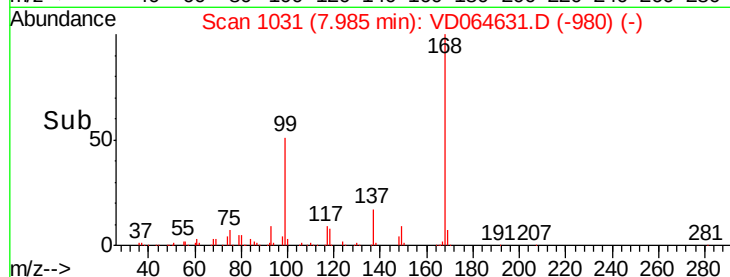
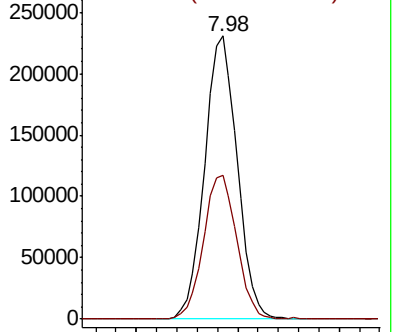
168 100

99 50.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 1.373 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064631.D

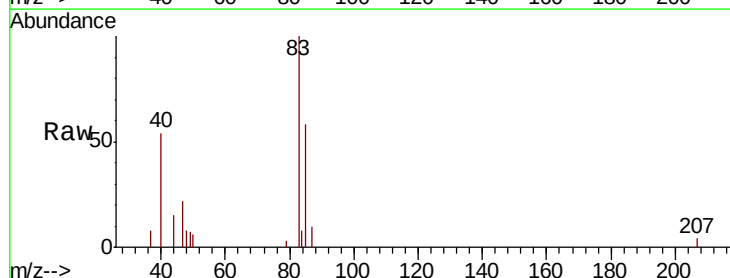
Acq: 27 Dec 2019 07:48

Tgt Ion: 83 Resp: 12182

Ion Ratio Lower Upper

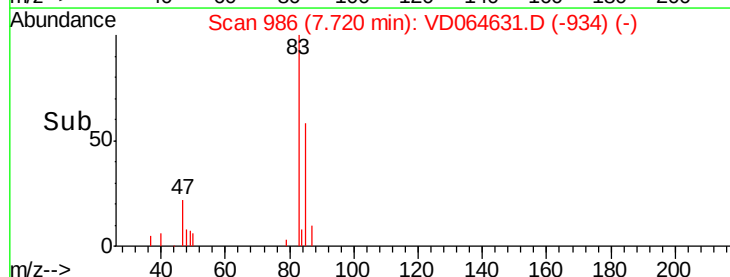
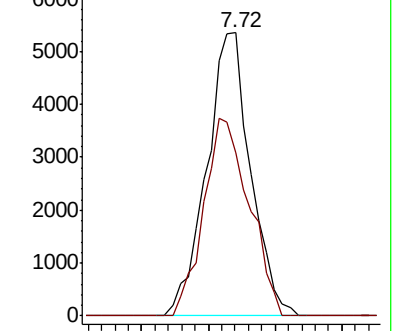
83 100

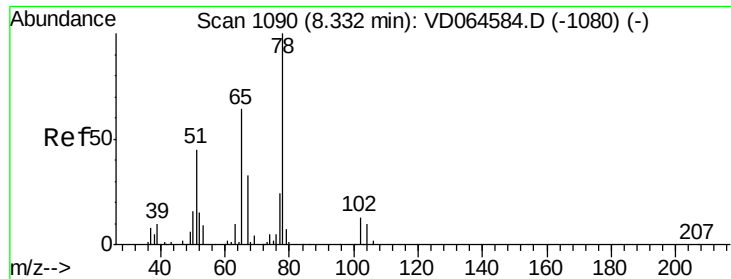
85 57.5 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

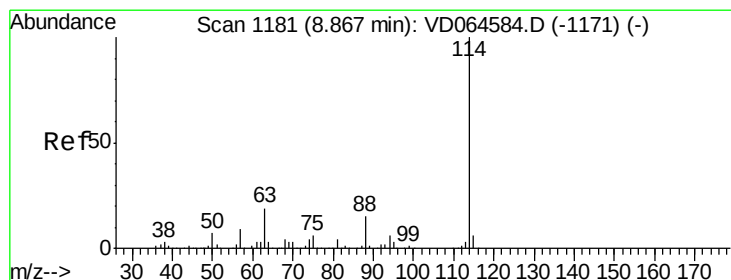
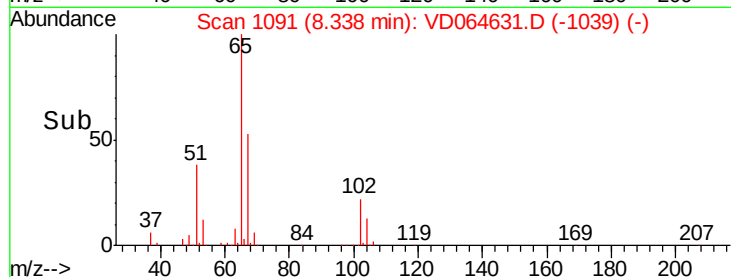
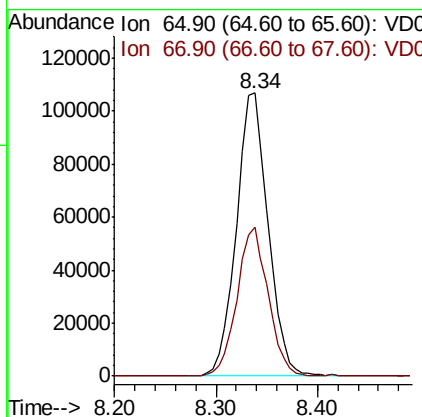
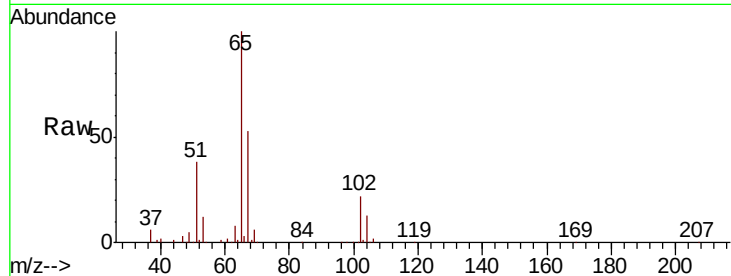




#33
 1,2-Dichloroethane-d4
 Concen: 51.219 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064631.D
 Acq: 27 Dec 2019 07:48

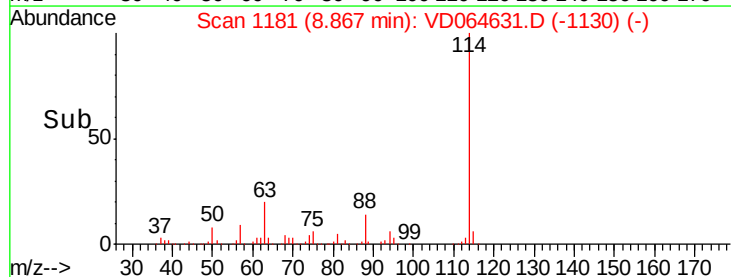
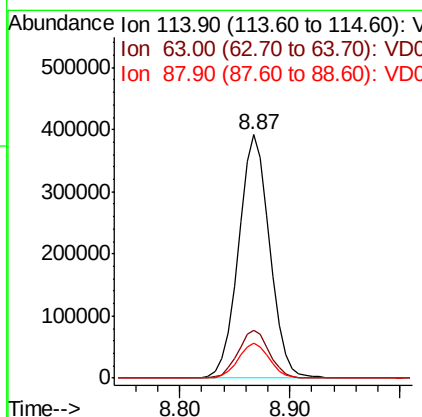
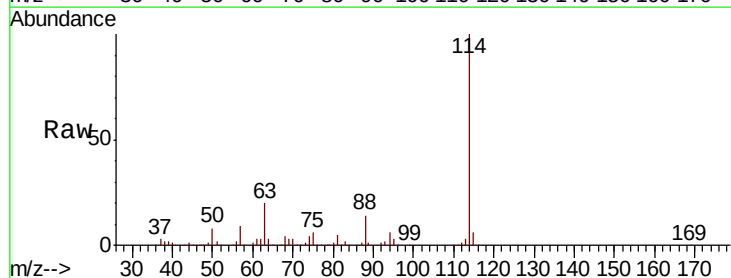
Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF008-01

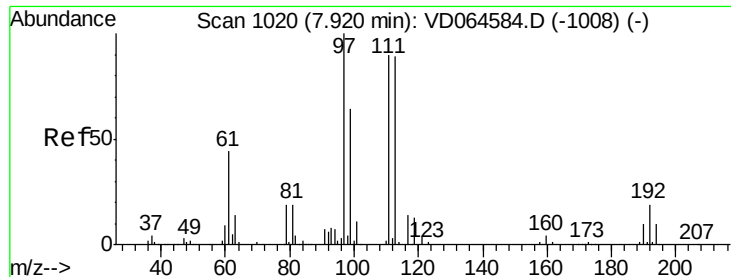
Tot Ion: 65 Resp: 232500
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064631.D
 Acq: 27 Dec 2019 07:48

Tgt Ion: 114 Resp: 774698
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.637 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064631.D

Acq: 27 Dec 2019 07:48

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF008-01

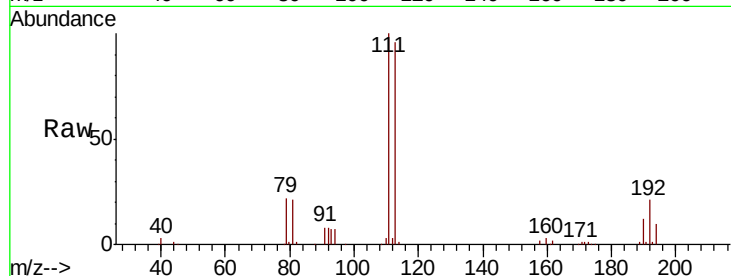
Tot Ion:113 Resp: 235922

Ion Ratio Lower Upper

113 100

111 102.5 80.6 121.0

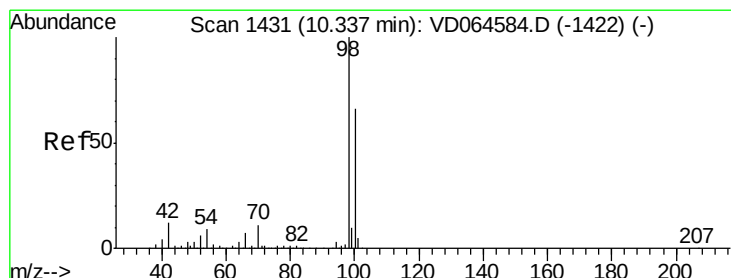
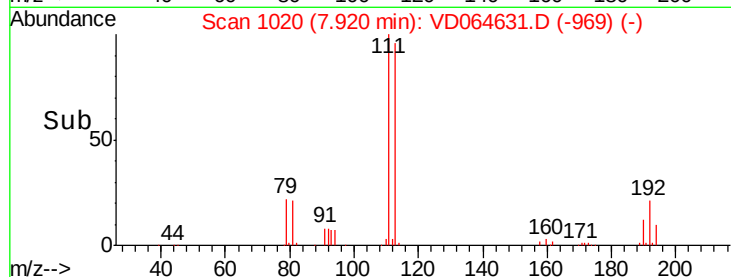
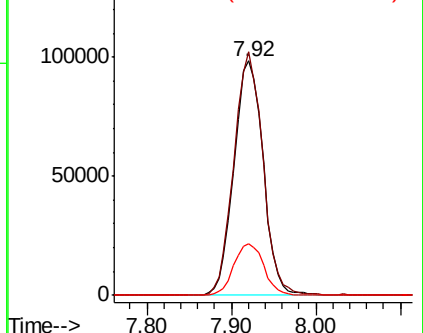
192 22.4 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.387 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064631.D

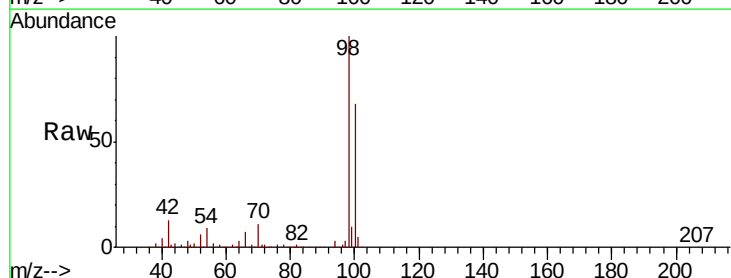
Acq: 27 Dec 2019 07:48

Tgt Ion: 98 Resp: 917208

Ion Ratio Lower Upper

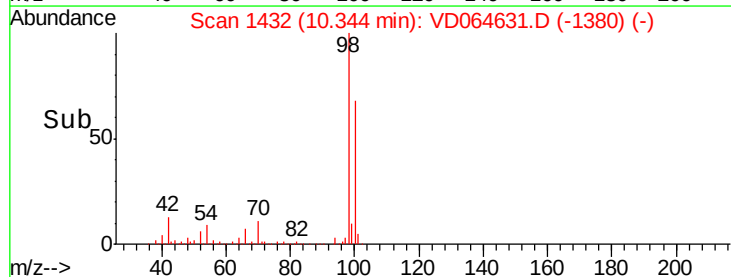
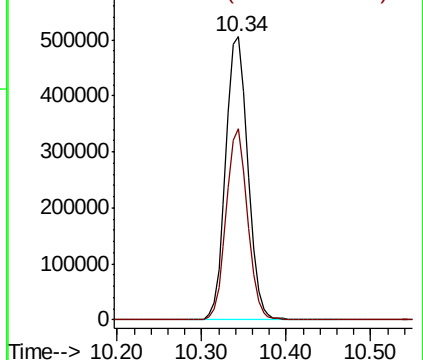
98 100

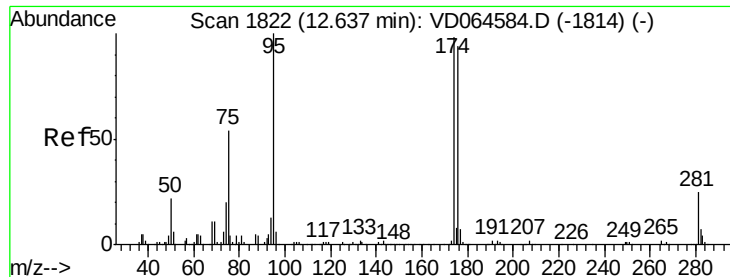
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.345 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064631.D

Acq: 27 Dec 2019 07:48

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF008-01

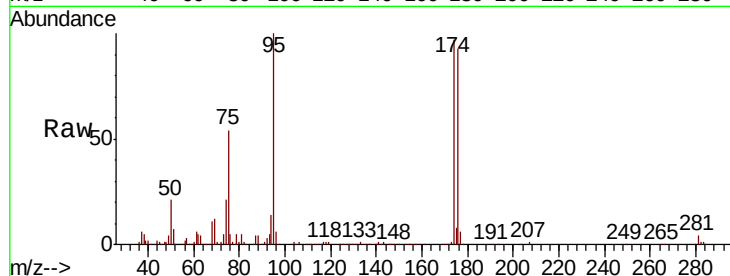
Tot Ion: 95 Resp: 272516

Ion Ratio Lower Upper

95 100

174 96.4 0.0 193.2

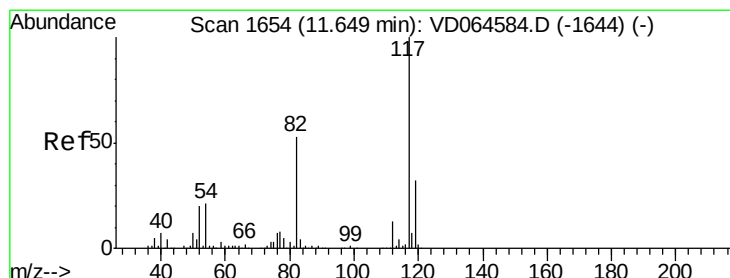
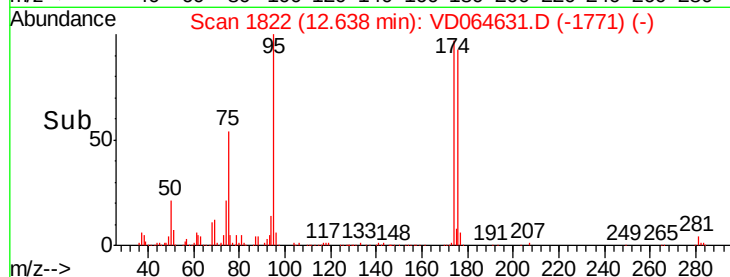
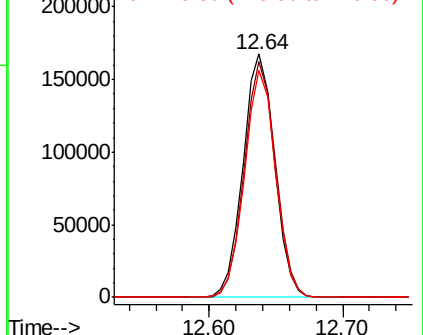
176 91.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064631.D

Acq: 27 Dec 2019 07:48

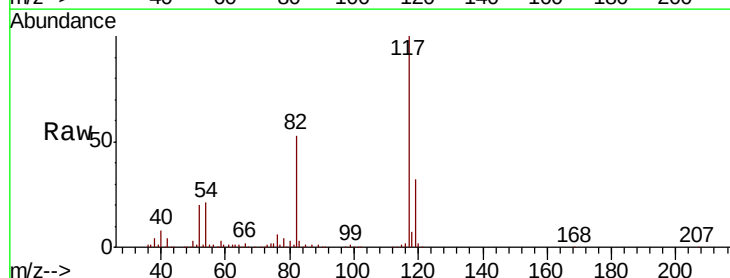
Tgt Ion: 117 Resp: 677242

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.4

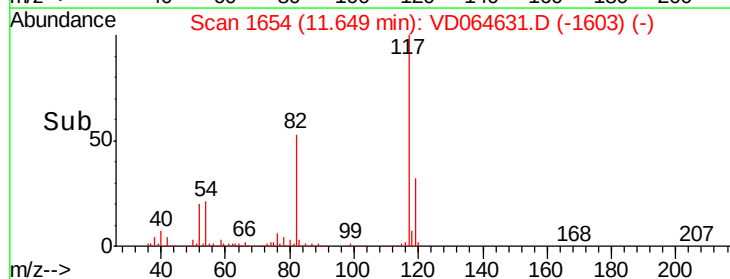
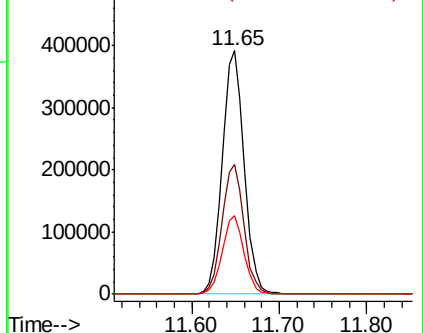
119 32.0 26.0 39.0

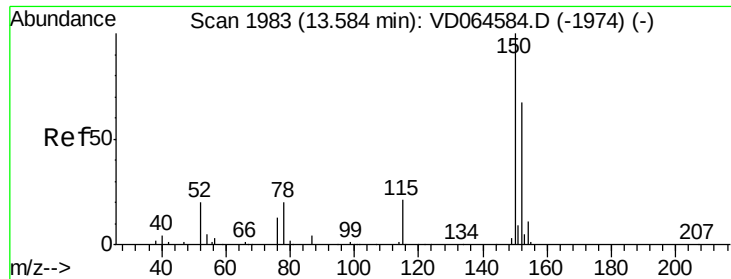


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064631.D

Acq: 27 Dec 2019 07:48

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF008-01

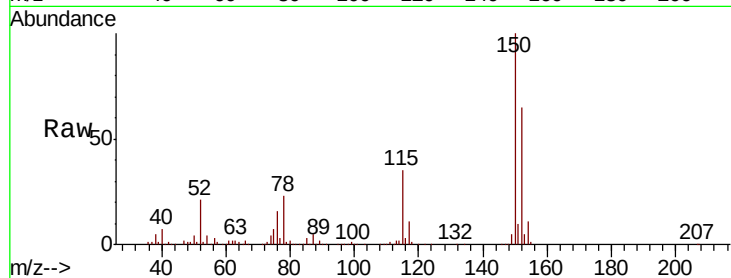
Tot Ion:152 Resp: 313655

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.4

150 154.9 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

